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(57)

ABSTRACT

An air purifier apparatus, comprising: a housing comprising an air intake opening to an external environment outside the housing; a plant pot disposed downstream of the air intake, configured to hold soil, and being perforated so as to enable contact between at least some air outside the plant pot and at least some of the soil inside the plant pot; an air purification filter disposed downstream of the plant pot; a fan disposed downstream of the air purification filter; an air outlet disposed downstream of the fan and located in a first compartment of the housing; a dehumidifier disposed in a second compartment of the housing separate from the first compartment and configured to extract water from air interacting with the dehumidifier, the second compartment having an air exchange perforation opening to the external environment; a watering system, configured to circulate water located inside the housing to the plant pot.

